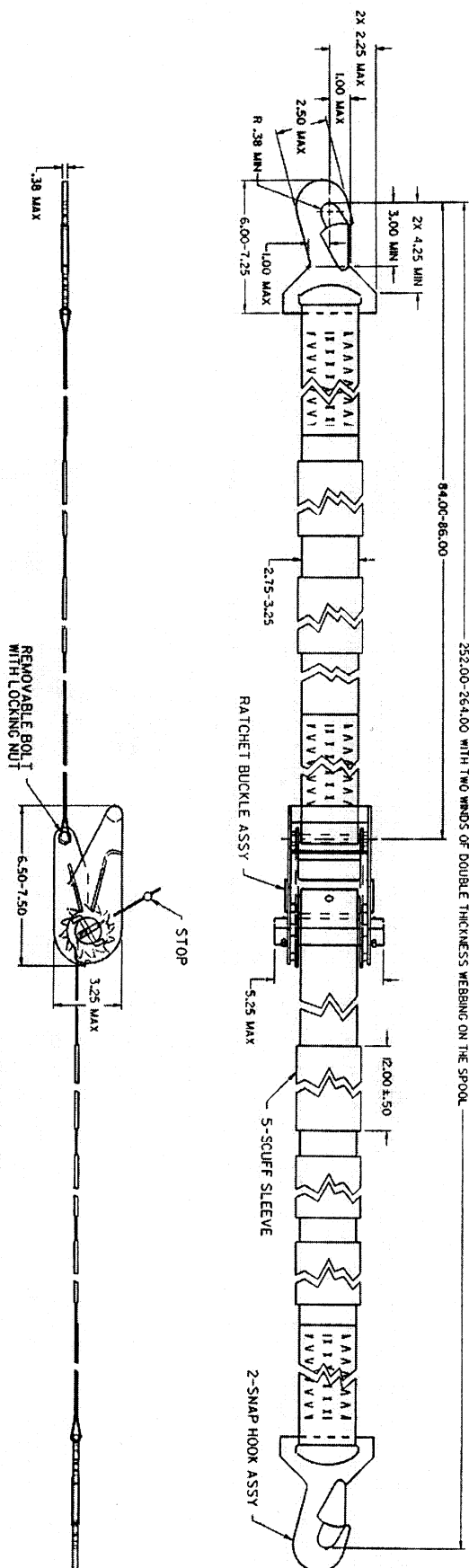


NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS:
A. ASD-STD-100000000
B. ASD-1745-1992
2. U. S. TAIL STRENGTH OF ASSY - 15000 POUNDS MIN. TESTING TO BE PERFORMED WITH A MAXIMUM OF TWO WINDS OF DOUBLE THICKNESS WEBBING ON THE SPOOL.
3. ASSEMBLY SHALL BE CAPABLE OF SUSTAINING A 10000 POUND LOAD FOR 30 SECONDS WITH NO STITCH BREAKAGE OR PERMANENT DEFORMATION WHICH WOULD CAUSE THE ASSEMBLY TO FAIL TO MEET THE FIT AND FUNCTION REQUIREMENTS OF THIS DRAWING.
4. PATCH FOR ALL METAL PARTS: ZINC PLATE (AW 157A-8633, TYPE II, CLASS IV) OR OLIVE DRAB GREEN 303 APPROX.
5. THE RATCHET BUCKLE ASSY MUST:
A. BE CAPABLE OF APPLYING A STRAP TENSIONING FORCE THROUGH LEVER TYPE ACTION OF A HANDLE WHICH CAUSES THE WEBSPOKE TO BE SPRING LOADED AND RECOILS TO A SPRING-ASSISTED LATCH MECHANISM TO MAINTAIN TENSION ON THE WEBBING.
B. HAVE A SPRING-ASSISTED LATCH MECHANISM TO MAINTAIN TENSION ON THE WEBBING.
C. HAVE A HANDLE WHICH WHEN CLOSED SHALL SERVE AS A TENSIONING MECHANISM TO MAINTAIN TENSION ON THE WEBBING. THE HANDLE MUST LOCK IN OPEN POSITION AND DISENGAGE THE SPOOL.
6. SNAP HOOK ASSY:
A. DESIGN MUST ALLOW RAPID ATTACHMENT OF SNAP HOOK ASSY TO THE END OF THE STRAP OR THE END OF THE SPOOL.
B. DESIGN MUST PRECLUDE ACCIDENTAL RELEASE OF ASSY FROM THE SPOOL AT ALL LOADS UP TO 10000 POUNDS.
C. MUST INCLUDE A SPRING-LOADED KEEPER MECHANISM.
7. WEBSPOKE MATERIAL: LATEX-TREATED POLYESTER OR RESIN-TREATED POLYESTER, OLIVE DRAB GREEN 303 APPROX.
8. SCUFF SLEEVE MATERIAL: BULKED CONTINUOUS FILAMENT NYLON TUBULAR SLEEVING, .090 THICK TAN BLACK OR GREEN 303 APPROX.
9. A STOP ALL BE PROVIDED ON THE LONG PIECE OF WEBBING TO PREVENT THE WEBSPOKE END FROM TENDING THROUGH AND BEING REMOVED FROM THE RATCHET BUCKLE ASSY.
10. ALL WEBSPOKE ENDS SHALL BE CUT WITH A HOT WIRE OR SEAMED TO PREVENT FRAYING.
11. STITCHING NYLON OR POLYESTER, PATTERN OPTIONAL.
12. STRAP ASSY MUST BE CAPABLE OF BEING EXTENDED BY THE USER WITHOUT THE NEED FOR THE USER TO REMOVE THE SNAP HOOK KEYPERS ALSO PREVENT THE SNAP HOOKS FROM BECOMING DISENGAGED.
13. MANUFACTURER'S CAGE CODE AND PART NO. TO BE IMPRESSION STAMPED IN 12 MIN HIGH CHARACTERS ON THE BOTTOM OF THE STRAP KEYPERS. THE KEYPERS SHALL BE IMPRESSION STAMPED IN 12 MIN HIGH CHARACTERS ON THE RATCHET BUCKLE, METHOD AND LOCATION OPTIONAL.
14. ALL OPERATIONS IN THE USE OF THIS EQUIPMENT MUST BE ABLE TO BE PERFORMED WHILE WEARING ARCTIC ATTENS.
15. ASSEMBLY SHALL BE FREE FROM BURRS AND SHARP EDGES THAT WOULD ABRASION THE STRAP, INJURE THE USER OR THE CARDO BEING SECURED.
16. AFTER 10000 OR 15000 POUND TEST ALL TEST SAMPLES WILL BE DESTROYED TO PRECLUDE FURTHER USE. ACCEPTANCE TEST SAMPLES WHICH COMPLETE THE 10000 POUND LOAD TEST MAY BE USED FOR THE 15000 POUND LOAD TEST.

IF: ILLUSTRATIONS ARE FOR REPRODUCTION AND ARE NOT INTENDED TO RESTRICT DESIGN OR SHAPE NOT DIMENSIONED.



ENVELOPE DRAWING

PART NO. DTAB0040		U.S. ARMY TANK-AUTOMOTIVE AND MATERIAL ENGINEERING CENTER		STRAP ASSY	
REV. A	1	DATE	10-10-66	REV. A	1
REV. B	2	DATE	10-10-66	REV. B	2
REV. C	3	DATE	10-10-66	REV. C	3
REV. D	4	DATE	10-10-66	REV. D	4
REV. E	5	DATE	10-10-66	REV. E	5
REV. F	6	DATE	10-10-66	REV. F	6
REV. G	7	DATE	10-10-66	REV. G	7
REV. H	8	DATE	10-10-66	REV. H	8
REV. I	9	DATE	10-10-66	REV. I	9
REV. J	10	DATE	10-10-66	REV. J	10
REV. K	11	DATE	10-10-66	REV. K	11
REV. L	12	DATE	10-10-66	REV. L	12
REV. M	13	DATE	10-10-66	REV. M	13
REV. N	14	DATE	10-10-66	REV. N	14
REV. O	15	DATE	10-10-66	REV. O	15
REV. P	16	DATE	10-10-66	REV. P	16
REV. Q	17	DATE	10-10-66	REV. Q	17
REV. R	18	DATE	10-10-66	REV. R	18
REV. S	19	DATE	10-10-66	REV. S	19
REV. T	20	DATE	10-10-66	REV. T	20
REV. U	21	DATE	10-10-66	REV. U	21
REV. V	22	DATE	10-10-66	REV. V	22
REV. W	23	DATE	10-10-66	REV. W	23
REV. X	24	DATE	10-10-66	REV. X	24
REV. Y	25	DATE	10-10-66	REV. Y	25
REV. Z	26	DATE	10-10-66	REV. Z	26
REV. AA	27	DATE	10-10-66	REV. AA	27
REV. AB	28	DATE	10-10-66	REV. AB	28
REV. AC	29	DATE	10-10-66	REV. AC	29
REV. AD	30	DATE	10-10-66	REV. AD	30
REV. AE	31	DATE	10-10-66	REV. AE	31
REV. AF	32	DATE	10-10-66	REV. AF	32
REV. AG	33	DATE	10-10-66	REV. AG	33
REV. AH	34	DATE	10-10-66	REV. AH	34
REV. AI	35	DATE	10-10-66	REV. AI	35
REV. AJ	36	DATE	10-10-66	REV. AJ	36
REV. AK	37	DATE	10-10-66	REV. AK	37
REV. AL	38	DATE	10-10-66	REV. AL	38
REV. AM	39	DATE	10-10-66	REV. AM	39
REV. AN	40	DATE	10-10-66	REV. AN	40
REV. AO	41	DATE	10-10-66	REV. AO	41
REV. AP	42	DATE	10-10-66	REV. AP	42
REV. AQ	43	DATE	10-10-66	REV. AQ	43
REV. AR	44	DATE	10-10-66	REV. AR	44
REV. AS	45	DATE	10-10-66	REV. AS	45
REV. AT	46	DATE	10-10-66	REV. AT	46
REV. AU	47	DATE	10-10-66	REV. AU	47
REV. AV	48	DATE	10-10-66	REV. AV	48
REV. AW	49	DATE	10-10-66	REV. AW	49
REV. AX	50	DATE	10-10-66	REV. AX	50
REV. AY	51	DATE	10-10-66	REV. AY	51
REV. AZ	52	DATE	10-10-66	REV. AZ	52
REV. BA	53	DATE	10-10-66	REV. BA	53
REV. BB	54	DATE	10-10-66	REV. BB	54
REV. BC	55	DATE	10-10-66	REV. BC	55
REV. BD	56	DATE	10-10-66	REV. BD	56
REV. BE	57	DATE	10-10-66	REV. BE	57
REV. BF	58	DATE	10-10-66	REV. BF	58
REV. BG	59	DATE	10-10-66	REV. BG	59
REV. BH	60	DATE	10-10-66	REV. BH	60
REV. BI	61	DATE	10-10-66	REV. BI	61
REV. BJ	62	DATE	10-10-66	REV. BJ	62
REV. BK	63	DATE	10-10-66	REV. BK	63
REV. BL	64	DATE	10-10-66	REV. BL	64
REV. BM	65	DATE	10-10-66	REV. BM	65
REV. BN	66	DATE	10-10-66	REV. BN	66
REV. BO	67	DATE	10-10-66	REV. BO	67
REV. BP	68	DATE	10-10-66	REV. BP	68
REV. BQ	69	DATE	10-10-66	REV. BQ	69
REV. BR	70	DATE	10-10-66	REV. BR	70
REV. BS	71	DATE	10-10-66	REV. BS	71
REV. BT	72	DATE	10-10-66	REV. BT	72
REV. BU	73	DATE	10-10-66	REV. BU	73
REV. BV	74	DATE	10-10-66	REV. BV	74
REV. BW	75	DATE	10-10-66	REV. BW	75
REV. BX	76	DATE	10-10-66	REV. BX	76
REV. BY	77	DATE	10-10-66	REV. BY	77
REV. BZ	78	DATE	10-10-66	REV. BZ	78
REV. CA	79	DATE	10-10-66	REV. CA	79
REV. CB	80	DATE	10-10-66	REV. CB	80
REV. CC	81	DATE	10-10-66	REV. CC	81
REV. CD	82	DATE	10-10-66	REV. CD	82
REV. CE	83	DATE	10-10-66	REV. CE	83
REV. CF	84	DATE	10-10-66	REV. CF	84
REV. CG	85	DATE	10-10-66	REV. CG	85
REV. CH	86	DATE	10-10-66	REV. CH	86
REV. CI	87	DATE	10-10-66	REV. CI	87
REV. CJ	88	DATE	10-10-66	REV. CJ	88
REV. CK	89	DATE	10-10-66	REV. CK	89
REV. CL	90	DATE	10-10-66	REV. CL	90
REV. CM	91	DATE	10-10-66	REV. CM	91
REV. CN	92	DATE	10-10-66	REV. CN	92
REV. CO	93	DATE	10-10-66	REV. CO	93
REV. CP	94	DATE	10-10-66	REV. CP	94
REV. CQ	95	DATE	10-10-66	REV. CQ	95
REV. CR	96	DATE	10-10-66	REV. CR	96
REV. CS	97	DATE	10-10-66	REV. CS	97
REV. CT	98	DATE	10-10-66	REV. CT	98
REV. CU	99	DATE	10-10-66	REV. CU	99
REV. CV	100	DATE	10-10-66	REV. CV	100